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Revision Summary Document  
for the  
FEA Consolidated Reference Model Version 2.2

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July 2007

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## 1 Introduction

The Federal Enterprise Architecture (FEA) provides a common framework to assist agencies in better managing their information resources to improve mission performance. The FEA is comprised of five reference models:

- Performance Reference Model (PRM);
- Business Reference Model (BRM);
- Service Component Reference Model (SRM);
- Technical Reference Model (TRM); and
- Data Reference Model (DRM).

For more information about the FEA Program Management Office (PMO), please visit [www.egov.gov](http://www.egov.gov).

While the FEA reference models have been completed, they will be updated on an annual basis to support agencies' enterprise architecture programs and the annual budget process and continue to serve as effective tools for IT resource management. To improve the integration of the reference models and to streamline delivery of information to agencies, a Consolidated Reference Model (CRM) document containing all reference models in a single document has been developed and will be updated annually.

The purpose of this reference model revision summary document is to highlight the changes made to the reference models from CRM Version 2.1 to the current version, CRM Version 2.2.

## 2 Overview

The revisions to the reference models are made based on

- Proposed changes and suggestions received as part of the Reference Model Maintenance Process
- Agency input submitted to the FEA PMO (e.g., clarification of Service Component definitions).

The revisions identified in this document are the major reference model changes requiring review and acceptance. Minor textual change and updates (i.e. grammar, spelling, etc.) are not included in this document. An overview of the changes is provided in Table 1.

**Table 1: CRM Version 2.2 Reference Model Changes**

Reference Model	Change
ALL	<ul style="list-style-type: none"> <li>• Replaced all ampersands (&amp;) with the word “and” for compatibility with XML schemas</li> </ul>
PRM	<ul style="list-style-type: none"> <li>• Added the Information Sharing Measurement Grouping as part of the Information and Technology Management Measurement Category.</li> <li>• Added the System and Network Monitoring Measurement Grouping as part of the Information and Technology Management Measurement Category.</li> </ul>
BRM	<ul style="list-style-type: none"> <li>• Updated the definition of the Facilities, Fleet, and Equipment Management sub-function under the Administration Management line of business to include the term “certification”.</li> <li>• Added the Information Sharing sub-function as part of the Information and Technology Management line of business.</li> <li>• Added the System and Network Monitoring sub-function as part of the Information and Technology Management line of business.</li> </ul>
SRM	There are no new changes to the SRM in the CRM Version 2.2.
TRM	There are no new changes to the TRM in the CRM Version 2.2.
DRM	There are no new changes to the DRM in the CRM Version 2.2. Only a high-level overview of the DRM is included in the CRM Version 2.2, the complete DRM is included as a separate document (DRM Version 2.0).

For more information or if there are any questions, please contact the FEA PMO at [fea@omb.eop.gov](mailto:fea@omb.eop.gov).

### 3 Performance Reference Model (PRM)

The PRM is a framework to measure the performance of major IT investments and their contribution to program performance. It enables agencies to better manage the business of government at a strategic level while providing a means for using an agency's enterprise architecture (EA) to measure the success of information technology investments.

#### 3.1 Mission and Business Results Measurement Area

The Mission and Business Results Measurement Area is driven by the Business Reference Model (BRM) with the Measurement Categories and Measurement Groupings based on the BRM Lines of Business and Sub-functions. As a result, the Mission and Business Results Measurement Area was updated to reflect the BRM LoBs and Sub-functions changes for the FY09 budget process.

Table 2 depicts the added Measurement Groupings for the Mission and Business Results Measurement Area. Updates to the definitions for the Measurement Groupings are identified in the BRM section (Section 4).

Table 2: Mission and Business Results Measurement Area Updates	
Measurement Category	Added Measurement Grouping
Information and Technology Management	Information Sharing
Information and Technology Management	System and Network Monitoring

## 4 Business Reference Model (BRM)

The BRM provides a framework facilitating a functional (rather than organizational) view of the Federal government's LoBs, including its internal operations and its services for citizens, independent of the agencies, bureaus and offices that perform them. The BRM promotes agency collaboration and serves as the underlying foundation for E-Government.

### 4.1 Information and Technology Management Line of Business

The Information and Technology Management Line of Business involves the coordination of information and technology resources and systems required to support or provide a service.

#### New Information and Technology Management Sub-functions

Table 3 below depicts the changes made to the Sub-functions under the Information and Technology Management Line of Business. The BRM codes are also provided for reference. The complete list of FY09 BRM codes can be found in CRM Version 2.2.

Table 3: Information and Technology Management LoB Updates	
New Sub-functions	<ul style="list-style-type: none"> <li>• "Information Sharing" (262)</li> <li>• "System and Network Monitoring" (263)</li> </ul>

#### New Information and Technology Management Definitions

The definitions for the new Information Sharing and System and Network Monitoring Sub-functions are provided below:

- **Information Sharing** relates to any method or function, for a given business area, facilitating: data being received in a usable medium by one or more departments or agencies as provided by a separate document or agency or other entity; and data being provided, disseminated or otherwise made available or accessible by one department or agency for use by one or more separate departments or agencies, or other entities, as appropriate.
- **System and Network Monitoring** supports all activities related to the real-time monitoring of systems and networks for optimal performance.